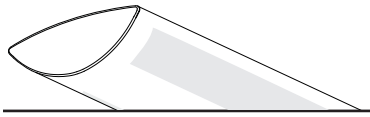
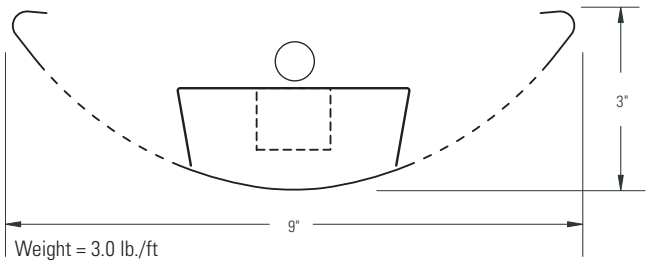


Lighting Systems **Baselyte-BSL14**

1 Light T5 HO Semi-Indirect



Weight = 3.0 lb./ft

Ordering Information

Family	Distribution	Lamp Type	No. of Lamps	Housing	Module Length	Wiring	Voltage	Ballast	Finish
BSL	5	H	01	LN					
	5 = Semi-Indirect	**H** = T5 HO	**01** = 1 Light	**LN** = Perforated	**04** = 4′ **08** = 8′ **12** = 12′	**1** = 1cct. **3** = 1cct. w/EC/NL **5** = 1cct. w/EM Battery **7** = 1cct. w/Dimming **8** = 1cct. w/1cct. Thru wire **Note:** Please consult wiring section of spec sheets for more wiring options.	**D** = Dual 120V & 277V **1** = 120V **2** = 277V **Note:** Option'D' is standard. Voltage options 1 and 2 are only available with EM Battery and Dimming wiring options.	**E** = Standard <10% THD **F** = Standard <10% THD w/fusing	**C** = Custom Color **W** = Standard White

Specifications

Features
1. Housing: die-formed 20ga. cold rolled steel
2. End Set: die-cast metal with baked powder coat finish
3. Lamping: one T5 HO lamp
4. Configuration: 4′, 8′ and 12′ module lengths or continuous rows
5. Ballasts: electronic 120V or 277V

Finish
High-quality white powder coat with textured matte finish.
Custom colors available. Consult factory.

Mounting
Aircraft cable gripper is tamper-resistant and provides infinite vertical adjustment capability. Aircraft cable, crimp and cable gripper independently tested to meet stringent safety requirements.

Electrical
All luminaires are factory pre-wired to module ends with quick-wire connectors.

Joints & Intersections
Self-aligning joining system with hands-free pre-joining wire access.

Labels
UL, CSA standards.

Ordering Instructions

Individual Fixtures
1. Determine the number of individual modules required
2. Order one end set per module
3. Order one non-power mount per module
4. Order one power mount per module

Continuous Rows*
1. Determine run length
2. Order the appropriate number and length of modules for complete run
3. Order one end set for each run
4. Order one non-power mount for each module
5. Order one power mount per run
6. Order one joiner per module minus one (e.g. 3 modules requires 2 joiners)

***Note**: Some runs may require additional power mounts. Please see the 'Run Configuration' table on the next page for more details.

Job Information **Type:**

Job Name:

Cat. No.:

Lamp(s):

Notes:

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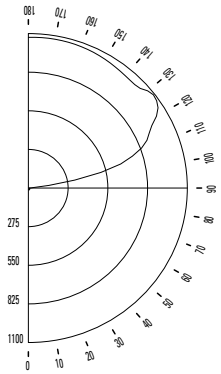
Performance

Candlepower Curve



Report No: 9900245
Lamps: F54T54
Lumens per Lamp: 4650
Efficiency: 92.9%
Up: 98.8% **Down:** 1.2%

Candlepower Summary

ZONE	CANDLEPOWER				
DEG.	0	22.5	45	67.5	90
180	1073	1073	1073	1073	1073
175	1067	1069	1072	1074	1075
165	1027	1036	1054	1069	1074
155	954	974	1016	1053	1066
145	848	885	960	1028	1051
135	713	774	894	1005	1042
125	553	648	844	1042	1084
115	380	533	826	881	922
105	198	457	583	628	661
95	43	126	67	27	28
90	2	3	5	6	7
85	4	4	5	6	6
75	5	6	6	7	7
65	5	7	9	10	10
55	6	8	10	12	12
45	8	9	11	12	13
35	10	10	13	13	13
25	11	12	13	14	14
15	12	12	13	14	14
5	12	12	12	13	12
0	12	12	12	12	12

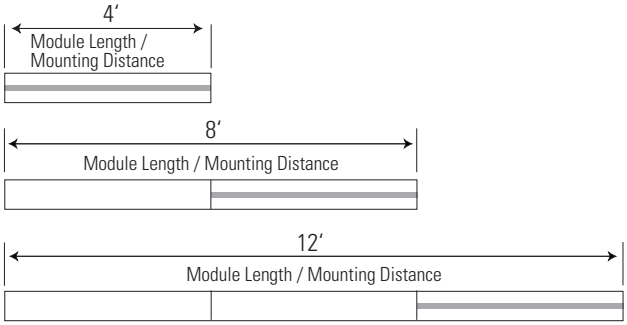
Coefficients of Utilization

	% EFFECTIVE CEILING CAVITY REFLECTANCE								
	80			70			50		
	% WALL REFLECTANCE								
	50	30	10	50	30	10	50	30	10
0	88	88	88	75	75	75	52	52	52
1	76	73	70	65	63	60	45	43	42
2	66	61	57	57	53	49	39	37	34
3	58	52	47	50	45	41	34	31	29
4	51	44	39	44	38	34	30	27	24
5	45	38	33	39	33	29	27	23	20
6	40	33	28	34	29	25	24	20	17
7	36	29	24	31	25	21	21	18	15
8	32	26	21	28	22	18	19	16	13
9	29	23	18	25	20	16	17	14	11
10	26	20	16	23	18	14	16	12	10

Zonal Lumen Summary

ZONE	LUMENS	%BARE LAMP	%LUMINAIRE
0-90	53.5	1.2	1.2
90-180	4267.5	91.8	98.8
0-180	4321	92.9	100.0

Module Lengths & Mounting Distances



Note: Shaded area indicates locations of emergency sections (emergency wiring controls all lamps or optional battery pack controls one or two lamps).

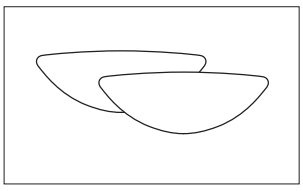
Run Configuration

Run Length	4' Module	8' Module	12' Module	Joiner	End Set	Mount	Power Mount*
4' run	1				1	1	1
8' run		1			1	1	1
12' run			1		1	1	1
16' run		2		1	1	2	1
20' run		1	1	1	1	2	1
24' run			2	1	1	2	1
28' run		2	1	2	1	3	1
32' run		1	2	2	1	3	1

***Note**: Additional power mounts may be required for some runs with T5 HO lamping options, longer runs, and runs with wiring options that are more complex. Please consult factory for assistance.

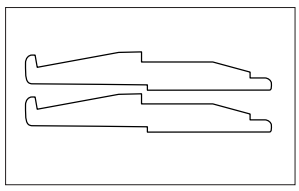
System Components & Accessories

End Set



BSLESW = suspended standard white

Joiner



BSLJS = suspended joiner

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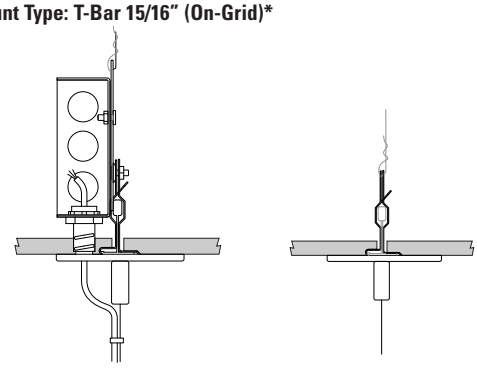
Mounting Options

☐ **Mount Type: T-Bar 15/16" (On-Grid)***



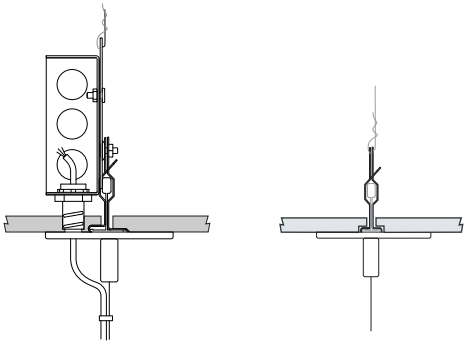
- 65 lbs maximum load
- Canopy: Diameter of 3 3/4"x 7/32"
- Cable: 7x7 stranded aircraft cable
- Supported by T-bar and secured to structure
- J-Box: 4" square (supplied by others)
- Fully adjustable vertically at fixture

1-Power Mount Non-Power Mount

Supension Length

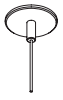
1-Power Mount	2'	4'	8'	12'
3 Conductor	BSLM6102P13	BSLM6104P13	BSLM6108P13	BSLM6112P13
4 Conductor	BSLM6102P14	BSLM6104P14	BSLM6108P14	BSLM6112P14
7 Conductor	BSLM6102P17	BSLM6104P17	BSLM6108P17	BSLM6112P17
Non-Power Mount	BSLM6102N	BSLM6104N	BSLM6108N	BSLM6112N

☐ **Mount Type: T-Bar 9/16" (On-Grid)***



- 65 lbs maximum load
- Canopy: Diameter of 3 3/4"x 7/32"
- Cable: 7x7 stranded aircraft cable
- Supported by T-bar and secured to structure
- J-Box: 4" square (supplied by others)
- Fully adjustable vertically at fixture

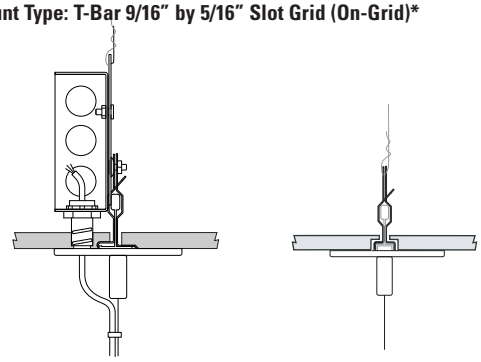
1-Power Mount Non-Power Mount



Supension Length

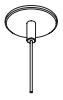
1-Power Mount	2'	4'	8'	12'
3 Conductor	BSLM6202P13	BSLM6204P13	BSLM6208P13	BSLM6212P13
4 Conductor	BSLM6202P14	BSLM6204P14	BSLM6208P14	BSLM6212P14
7 Conductor	BSLM6202P17	BSLM6204P17	BSLM6208P17	BSLM6212P17
Non-Power Mount	BSLM6202N	BSLM6204N	BSLM6208N	BSLM6212N

☐ **Mount Type: T-Bar 9/16" by 5/16" Slot Grid (On-Grid)***



- 65 lbs maximum load
- Canopy: Diameter of 3 3/4"x 7/32"
- Cable: 7x7 stranded aircraft cable
- Supported by T-bar and secured to structure
- J-Box: 4" square (supplied by others)
- Fully adjustable vertically at fixture

1-Power Mount Non-Power Mount



Supension Length

1-Power Mount	2'	4'	8'	12'
3 Conductor	BSLM6302P13	BSLM6304P13	BSLM6308P13	BSLM6312P13
4 Conductor	BSLM6302P14	BSLM6304P14	BSLM6308P14	BSLM6312P14
7 Conductor	BSLM6302P17	BSLM6304P17	BSLM6308P17	BSLM6312P17
Non-Power Mount	BSLM6302N	BSLM6304N	BSLM6308N	BSLM6312N

***Note**: Standard T-bar mounts are currently not available for tegular tile ceilings, however certain tegular tile / T-bar combinations may be supported by the use of the slot-grid mount. For more information, please consult factory.

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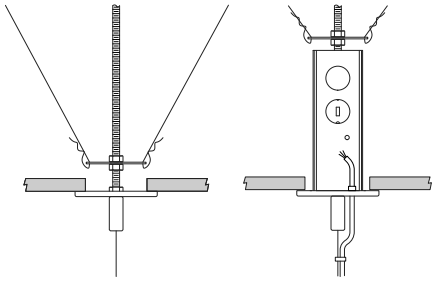
☐ **Mount Type: T-Bar Fixed Position (1/4-20 Threaded Rod)**

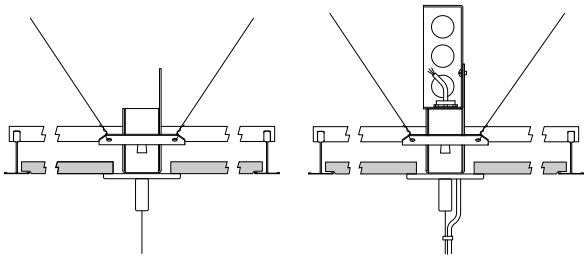


- Meets UBC, OSHPD and DSA seismic requirements
- Canopy: Diameter of 5 1/4"x 3/4" (power)
- Cable: 7x7 stranded aircraft cable
- Tile cut-out hole: Diameter of 2 1/2" (power) or 3/4" (non-power)
- J-Box: Integral J-Box supplied
- 1/4 - 20 all thread rod (supplied by others)
- Fully vertically adjustable at fixture

Supension Length

	2′	4′	8′	12′
1-Power Mount				
3 Conductor	**BSLM2102P13**	**BSLM2104P13**	**BSLM2108P13**	**BSLM2112P13**
4 Conductor	**BSLM2102P14**	**BSLM2104P14**	**BSLM2108P14**	**BSLM2112P14**
2-Power Mount				
3 Conductor	**BSLM2102P23**	**BSLM2104P23**	**BSLM2108P23**	**BSLM2112P23**
Non-Power Mount	**BSLM2102N**	**BSLM2104N**	**BSLM2108N**	**BSLM2112N**

☐ **Mount Type: T-Bar Variable Position**



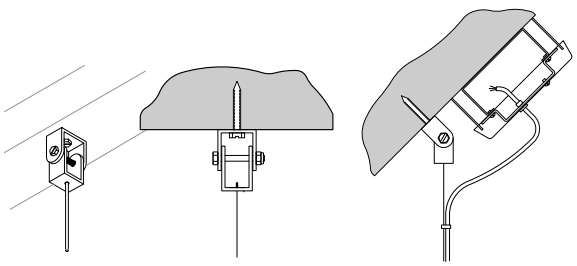
- Meets UBC, OSHPD and DSA seismic requirements
- Canopy: Diameter of 3"x 7/32"
- Cable: 7x7 stranded aircraft cable
- Tile cut-out hole: Diameter of 2 1/4"
- Aligned by T-bar and secured to structure
- J-Box 4" square (supplied by others)
- Fully vertically adjustable at fixture
- Adjusts to both 1" and 1 1/2" high T-bar systems

***Note**: Supports 15/16", 9/16" and slot grid ceiling types.

Supension Length

	2′	4′	8′	12′
1-Power Mount				
3 Conductor	**BSLM5102P13**	**BSLM5104P13**	**BSLM5108P13**	**BSLM5112P13**
4 Conductor	**BSLM5102P14**	**BSLM5104P14**	**BSLM5108P14**	**BSLM5112P14**
7 Conductor	**BSLM5102P17**	**BSLM5104P17**	**BSLM5108P17**	**BSLM5112P17**
2-Power Mount				
3 Conductor	**BSLM5102P23**	**BSLM5104P23**	**BSLM5108P23**	**BSLM5112P23**
Non-Power Mount	**BSLM5102N**	**BSLM5104N**	**BSLM5108N**	**BSLM5112N**

☐ **Mount Type: Support or Open-Joist Ceiling**



- Meets UBC, OSHPD and DSA seismic requirements
- Canopy: Diameter of 5 1/4"x 3/4"(power)
- Cable: 7x7 stranded aircraft cable
- Versatile mount, fully adjustable to accomodate open sloped ceilings
- J-Box: 4" octogonal box (supplied by others)
- Fully vertically adjustable at fixture

Supension Length

	2′	4′	8′	12′
1-Power Mount				
3 Conductor	**BSLM3102P13**	**BSLM3104P13**	**BSLM3108P13**	**BSLM3112P13**
4 Conductor	**BSLM3102P14**	**BSLM3104P14**	**BSLM3108P14**	**BSLM3112P14**
7 Conductor	**BSLM3102P17**	**BSLM3104P17**	**BSLM3108P17**	**BSLM3112P17**
2-Power Mount				
3 Conductor	**BSLM3102P23**	**BSLM3104P23**	**BSLM3108P23**	**BSLM3112P23**
Non-Power Mount	**BSLM3102N**	**BSLM3104N**	**BSLM3108N**	**BSLM3112N**

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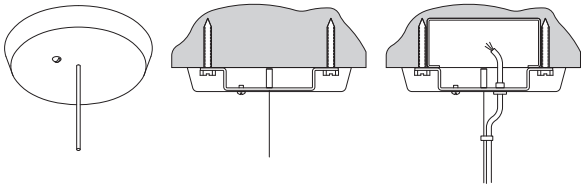
☐ **Mount Type: Non-Accessible Ceilings (concrete, gypsum etc.)**



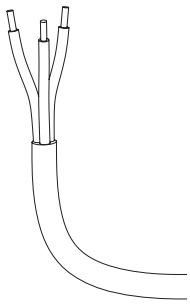
- Meets UBC, OSHPD and DSA seismic requirements
- Canopy: Diameter of 5 1/4"x 3/4" (power)
- Cable: 7x7 stranded aircraft cable
- Mountable on 0º - 15º sloped ceiling
- Optional Chicago Plenum approved version available (A4)
- J-Box: 4" octogonal box (supplied by others)
- Fully vertically adjustable at fixture

Supension Length

	2'	4'	8'	12'
1-Power Mount				
3 Conductor	**BSLM1102P13**	**BSLM1104P13**	**BSLM1108P13**	**BSLM1112P13**
4 Conductor	**BSLM1102P14**	**BSLM1104P14**	**BSLM1108P14**	**BSLM1112P14**
7 Conductor	**BSLM1102P17**	**BSLM1104P17**	**BSLM1108P17**	**BSLM1112P17**
2-Power Mount				
3 Conductor	**BSLM1102P23**	**BSLM1104P23**	**BSLM1108P23**	**BSLM1112P23**
Non-Power Mount	**BSLM1102N**	**BSLM1104N**	**BSLM1108N**	**BSLM1112N**

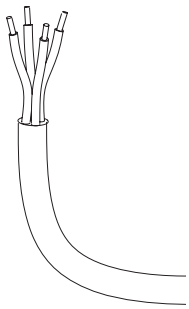
Cord Types

☐ **3 Conductor**



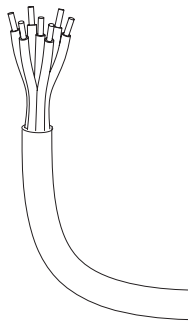
- Max. 10 amps
- Max. 300V

☐ **4 Conductor**



- Max. 10 amps in a 1 circuit application
- Max. 5 amps per circuit in a 2 circuit application
- Max. 300V
- Good for 2 circuit feeds or a 1 circuit feed with a battery pack hot lead
- 120V or 277V applications

☐ **7 Conductor**



- Max. 10 amps in a 1 circuit application
- Max. 5 amps per circuit in a multi-circuit application
- Good for 3 circuit feeds or 2 circuit feeds with a battery pack hot lead
- 120V or 277V applications

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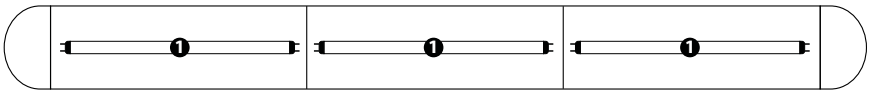
Wiring Options: 1 Circuit

1 Circuit

- ☐ **Type 1:** 1cct.
- ☐ **Type 8:** 1cct. w/1cct. thru wire
- ☐ **Type H:** 1cct. w/2cct. thru wire
- ☐ **Type 7:** 1cct. w/dimming

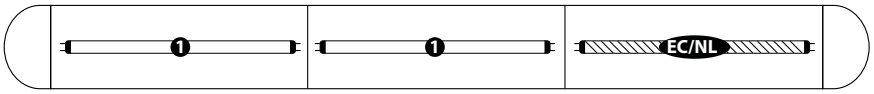


All lamps wired on one circuit.

---

1 Circuit with Emergency Circuit/Night Light (EC/NL)

- ☐ **Type 3:** 1cct. w/EC/NL

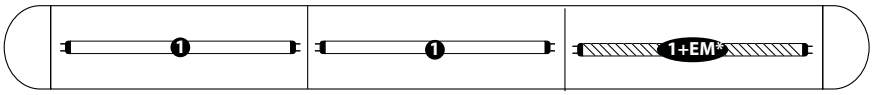


One 4' section in a one circuit fixture to be wired on a separate thru circuit. Leads for both normal circuit and EC/NL circuit wired to fixture ends. All lamps in EC/NL section to be wired together.

---

1 Circuit with Emergency Battery Pack (EM)

- ☐ **Type 5:** Chloride standard CTP700
- ☐ **Type M**: Bodine standard LP550
- ☐ **Type E:** Chloride high performance CTP1300
- ☐ **Type P:** Bodine high performance LP600

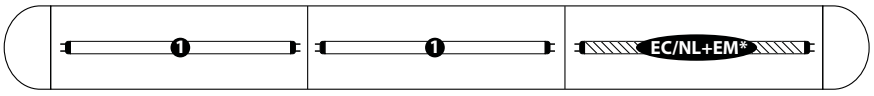


All lamps wired on one circuit, plus a battery pack is wired to one lamp. A hot lead is connected to the battery pack and would function as a 'trigger' wire when connected to a constant hot by installer. Leads for both normal circuit and battery pack are wired to fixture ends.

---

1 Circuit with Emergency Circuit/Night Light and Emergency Battery Pack

- ☐ **Type J:** Chloride standard CTP700



One 4' section in a one circuit fixture to be wired on a separate thru circuit, in addition, a battery pack is wired to one lamp. Installer can connect 'trigger' wire to EC hot lead if controlled together or wire separately if controlled independently. Leads for normal circuit, EC/NL circuit and EM wired to fixture ends. All lamps in EC/NL section to be wired together.

Job Information	**Type:**

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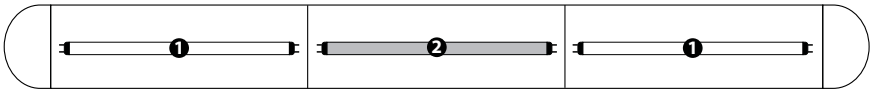
Wiring Options: 2 Circuit A/B Switching (alternate 4' sections)

2 Circuit A/B Switching (alternate 4' sections)

- ☐ **Type B:** 2cct.
- ☐ **Type A:** 2cct. w/1cct. thru wire
- ☐ **Type S:** 2cct. w/2cct. thru wire



Fixture wired for two circuit. Lamps wired for A/B switching in alternate 4' sections.

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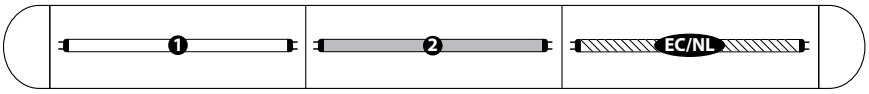
2 Circuit A/B Switching (alternate 4' sections) with Emergency Circuit/Night Light (EC/NL)

- ☐ **Type C:** 2cct. w/EC/NL

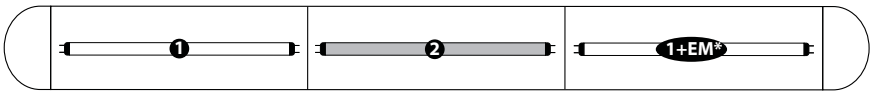


One 4' section in a two circuit fixture (A/B switching) to be wired on a separate thru circuit. Leads for both normal circuit and EC/NL circuit wired to fixture ends.

---

2 Circuit A/B Switching (alternate 4' sections) with Emergency Battery Pack (EM)

- ☐ **Type D:** Chloride standard CTP700
- ☐ **Type O:** Bodine standard LP550
- ☐ **Type G:** Chloride high performance CTP1300
- ☐ **Type R:** Bodine high performance LP600



Fixture wired for two circuits (A/B switching), plus a battery pack is wired to one lamp. A hot lead is connected to the battery pack and would act as a 'trigger' wire when connected to a constant hot by installer. Leads for both normal circuit and battery pack are wired to fixture ends.

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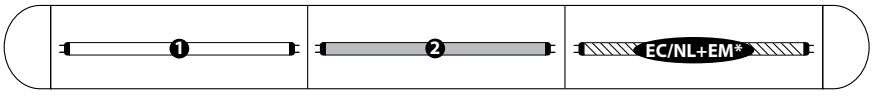
2 Circuit A/B Switching (alternate 4' sections) with Emergency Circuit/Night Light and Emergency Battery Pack

- ☐ **Type L:** Chloride standard CTP700



One 4' section in a two circuit fixture (A/B switching) to be wired on a separate thru circuit, in addition, a battery pack is wired to one lamp. Installer can connect 'trigger' wire to EC hot lead if controlled together or wired separately if controlled independently. Leads for normal circuit, EC/NL circuit and battery pack are wired to fixture ends. All lamps in EC/NL module to be wired together.

Job Information	Type:

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